What is claimed is:

1. A polymeric composition comprising:
   a. a polymer,
   b. a cathodic corrosion inhibitor, and
   c. an acidic corrosive reagent.

2. The polymeric composition of Claim 1 wherein the polymer is selected from the group consisting of acrylamido polymers, acrylate polymers, carboxylic acid polymers, epoxy polymers, methacrylate polymers, olefinic polymers, polyamide polymers, polycarbonates, polyesters, polyurethanes, polyvinyl chloride polymers, polyvinylidene chloride polymers, siloxane polymers, styrenic polymers, thermoplastic urethanes, and vinyl acetate polymers.

3. The polymeric composition of Claim 2 wherein the polymer is a silane-functionalized polymer.

4. The polymeric composition of Claim 3 wherein the silane-functionalized polymer is selected from the group consisting of (i) a copolymer of ethylene and a hydrolyzable silane, (ii) a copolymer of ethylene, a hydrolyzable silane, and one or more C3 or higher alpha-olefins and unsaturated esters, (iii) a homopolymer of ethylene, having a hydrolyzable silane grafted to its backbone, and (iv) a copolymer of ethylene and one or more C3 or higher alpha-olefins and unsaturated esters, having a hydrolyzable silane grafted to its backbone.

5. The polymeric composition of Claim 1 wherein the cathodic corrosion inhibitor is selected from the group consisting of Group IIB metals, Group IIIA metals, Group IVA metals, Group VA metals, salts of the preceding metals, and metal salts of the corrosive reagent.

6. The polymeric composition of Claim 5 wherein the cathodic corrosion inhibitor is selected from the group consisting of antimony, arsenic, zinc, tin, cadmium, and salts of the preceding metals.

7. The polymeric composition of Claim 5 wherein the cathodic corrosion inhibitor inhibits corrosion during processing of the polymeric composition.

8. The polymeric composition of Claim 5 wherein the cathodic corrosion inhibitor inhibits corrosion after fabricating the polymeric composition into an article of manufacture.

9. The polymeric composition of Claim 1 wherein the acidic corrosive reagent is selected from the group consisting of (i) direct addition components, (ii) products

resulting from a reaction of components directly added to the polymeric composition, (iii) products resulting from a reaction of a component directly added to the polymeric composition with a reactive species brought into contact with the component, and (iv) a corrosive species brought into contact with the polymeric composition.

10. The polymeric composition of Claim 1 wherein the acidic corrosive reagent being an acid catalyst, which retains its catalytic performance.

11. The polymeric composition of Claim 10 wherein acid catalyst is an acidic silanol condensation catalyst.

12. The polymeric composition of Claim 11 wherein the acidic silanol condensation catalyst is selected from the group consisting of (a) organic sulfonic acids and hydrolyzable precursors thereof, (b) organic phosphonic acids and hydrolyzable precursors thereof, and (c) halogen acids.

13. The polymeric composition of Claim 11 wherein the acidic silanol condensation catalyst is an organic sulfonic acid selected from the group consisting of alkylaryl sulfonic acids, arylalkyl sulfonic acids, and alkylated aryl disulfonic acids.

14. The polymeric composition of Claim 13 wherein the organic sulfonic acid is selected from the group consisting of substituted benzene sulfonic acids and substituted naphthalene sulfonic acids.

15. The polymeric composition of Claim 13 wherein the organic sulfonic acid is dodecylbenzyl sulfonic acid.

16. The polymeric composition of Claim 13 wherein the organic sulfonic acid is dinonylnapthyl sulfonic acid.

17. The polymeric composition of Claim 11 wherein the polymeric composition is moisture crosslinkable.

18. The polymeric composition of Claim 11 wherein the polymer is an olefinic polymer, the cathodic corrosion inhibitor is not a conventional silanol condensation catalyst present in an amount greater than 0.78 mmoles/kilogram of the olefinic polymer, and the acidic corrosive reagent is a substituted-aromatic-sulfonic-acidic silanol condensation catalyst.

19. The polymeric composition of Claim 1 further comprising a blowing agent.

20. The polymeric composition of Claim 1 further comprising a second corrosion inhibitor selected from the group consisting of (a) film formers, (b) buffers, and (c) anodic inhibitors.

21. The polymeric composition of Claim 20 wherein the second corrosion inhibitor is selected from the group consisting of amines, hydrazines, borates, carbonates, and thio-esters.

22. A wire or cable construction prepared by applying the polymeric composition of Claim 1 over a wire or cable.

23. An article of manufacture prepared by applying the polymeric composition of Claim 1 over a metal substrate.

24. A polymeric composition comprising:

a. a silane-functionalized polymer selected from the group consisting of (i) a copolymer of ethylene and a hydrolyzable silane, (ii) a copolymer of ethylene, a hydrolyzable silane, and one or more C3 or higher alpha-olefins and unsaturated esters, (iii) a homopolymer of ethylene, having a hydrolyzable silane grafted to its backbone, and (iv) a copolymer of ethylene and one or more C3 or higher alpha-olefins and unsaturated esters, having a hydrolyzable silane grafted to its backbone;

b. an acidic silanol condensation catalyst selected from the group consisting of alkylaryl sulfonic acids, arylalkyl sulfonic acids, and alkylated aryl disulfonic acids; and

c. a cathodic corrosion inhibitor selected from the group consisting of antimony, arsenic, zinc, tin, cadmium, salts of the preceding metals, and metal salts of the acidic silanol condensation catalyst,

wherein the polymer composition is moisture-crosslinkable.

25. The polymeric composition of Claim 24 wherein the cathodic corrosion inhibitor is not a conventional silanol condensation catalysts present in an amount greater than 0.78 mmoles/kilogram of the silane-functionalized polymer.

26. A polymeric composition comprising:

a. a polymer having an acid-catalyst reactive functional group, and

b. a cathodic corrosion inhibitor,

wherein the acid-catalyst reactive functional group retains its catalytic performance.